



App. Dkt. No: ATH-0038-1C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: John S. Thomson et al.

Application No.: 10/076,022

Art Unit.: 2631

Filing Date: 02/14/2002

Examiner: Khanh C. Tran

For: "Efficient Pilot Tracking Method For OFDM Receivers"

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: January 30, 2006

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.
2. **STATUS:** Applicant is a small entity.
3. **EXTENSION OF TERM:** The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
4. **FEE FOR CLAIMS:** The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col.1)		(Col. 2)	(Col. 3)	LARGE ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	63	Minus	63	= 0	x \$25 =	\$0
Indep.	17	Minus	10	= 7	x \$100 =	\$700
First Presentation of Multiple Dependent Claim					+ \$180 =	\$0
					Total Addit. Fee	<u>\$700</u>

5. **FEE PAYMENT and DEFICIENCY:** Please charge Deposit Acct. 50-0574 the amount of \$700 for additional claims and \$180.00 for an Information Disclosure Statement. If any additional extension and/or fee is required, also charge Account No. 50-0574.

Customer No. 022888
Tel.: (408) 451-5907

SIGNATURE OF PRACTITIONER

Jeanette S. Harms
Reg. No. 35,537

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 30, 2006.

Date: 1/30/2006
Signature: Rebecca A. Baumann
Signature: Rebecca A. Baumann



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John Thomson et al.

Assignee: Atheros Communications, Inc.

Title: Efficient Pilot Tracking Method For OFDM
Receivers

Serial No.: 10/076,022 File Date: February 14, 2002

Examiner: Khanh C. Tran Art Unit: 2631

Docket No.: ATH-0038-1C

Date: January 30, 2006

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AMENDMENT IN RESPONSE TO THE SECOND OFFICE ACTION

Initial Comments

Claims 1-63 are pending in the present application. Claims 37-59 are allowed. Claims 3-12, 15-24, 28-36 are objected to as being dependent on a rejected base claim. Claims 1-2 and 60-63 are rejected under 35 USC 103(a) as being obvious over US Patent 6628738 (Peeters). Claims 13-14 and 25-27 are rejected under 35 USC 103(a) as being obvious over Peeters in view of US Patent 5818872 (Gupta).

Claims 3, 11, 15, 23, 28, 32, and 36 are amended herein.